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## DOUGLAS COUNTY ADDITIONS TO THE LIST OF KANSAS COLEOP-TERA IN 1879 AND 1880.

## By Prof. F. H. Snow, of the University of Kansas.

Of the 144 species included in the following list, 132 were collected in the immediate vicinity of Lawrence, in Douglas county; 10 were taken by Mr. T. B. Ashton, at Tonganoxie, in Leavenworth county, only 13 miles from Lawrence; and 2 were taken in western Kansas. The locality is stated in case of each species not found in Douglas county. These additions increase the list of Kansas Coleoptera to a total of 1855 species, which is the largest list yet published from any State in the Union. In presenting these additions, I desire to recognize the invaluable services of the students in my Zoölogy classes, who have searched the country in all directions for material with which to enrich their own entomological collections, and have invariably allowed me to retain for the University cabinets all species new to the Kansas list. The following students have been especially successful in obtaining new species: Louis L. Dyche, Richard Foster, John E. McCurdy, Frank Prentiss, and Ed. G. Smith.

To Drs. Le Conte and Horn I am indebted for the determination of many of the species.

- 322. Zuphium americanum Dej. Taken by Mr. T. B. Ashton, in Leavenworth county.
- 342. Loxopeza tricolor Say.
- 371. Tetragonoderus fasciatus Hald.
- 506. Platynus lutelentus Lec. Leavenworth county-T. B. Ashton.
- 609. Pterostichus protensus Lec.
- 733a. Diplochila major Lec.
- 798. Anatrichis minuta Dej.
- 1267. Hydrocanthus iricolor Say.
- 1600. Hoplandria lateralis Mels.
- 1617. Homalota lividipennis Mann.
- Aleochara rufipennis (?). Doubtfully referred to this European species by Dr. Le Conte.
- 1743. Acylophorus flavicollis Sachse.
- 1744. Acylophorus pronus Er.
- Philonthus sordidus Fauv. Ms.
- 1859. Leptacinus longicollis Lec.
- 1938. Stenus femoratus Say. 1983. Bledius emarginatus Say.
- 2010. Geodromicus caesus Er.
- 2208. Ptomaphagus consobrinus Lec.
- 2318. Sacium fasciatum Say.
- 2320. Sacium lunatum Lec. 2532. Anthrenus musæorum Linn.
- 2461. Mycetophagus bipustulatus Mels.
- 2470. Litargus infulatus Lec.
- 2523. Mycotretus saguinipennis Say.

- 2616. Bitoma planicollis Lec.
- 2712. Brachypterus urticæ Fab.
- 2720. Conotelus obscurus Er.
- 2767. Meligethes ruficornis Lec.
- 2781. Amphicrossus ciliatus Ol.
- 2786. Cryptarcha strigata Fab.
- 2787. Cryptarcha liturata Lec.
- 2872. Exochomus marginipennis Lec. Taken also in Leavenworth county, by T. B. Ashton.
- 2873. Exochomus contristatus Muls.
- 2878. Brachyacantha 4-punctata Mels.
- 2930. Scymnus nanus Lec.
- 2937. Nosodendron unicolor Say.
- Cistelid-Genus and species undescribed.
- 3081. Hister coarctatus Lec.
- 3188. Bacanius punctiformis Lec.
- 3219. Canthon praticola Lec. Wallace county.
- Onthophagus brevifrons Horn n. sp. Western Kansas, taken by Dr. H. A. Brous. See discriptions of this and the next species by Dr. Horn in another article in this volume.
- Onthophagus cribricollis Horn n. sp.
- 3392. Trox laticollis Lec.
- 3415. Dichelonycha elongata Fab.
- 3675. Valgus squamiger Beauv. Leavenworth county-T. B. Ashton.

3691. Die	erca pugionata Germ.		Graptodera fuscoænea Mels.
_	rilus Lecontei Saund.	5913.	Dibolia aerea Mels.
_	rilus obolinus Lec.	5915.	Systena frontalis Fab.
	roscus Chevrolati Bonv.		Cerataltica forticornis.
	roscus sericeus Lec.	5955.	Stenispa collaris Baly. Leaven-
	ristonotus curiatus Say.		worth county, T. B. Ashton.
	nocrepidius bellus Say.	5959.	Odontota scutellaris Oliv.
	lanotus clandestinus Er.	5960.	Odontota bicolor Oliv.
	lanotus dubius Lec.	6269.	Echocerus maxillosus Fabr.
	nonius auripilis Say.	6448.	Macratria confusa Lec.
	rymbites inflatus Say.	6450.	Notoxus anchora Hentz.
	lodes thoracica Guer.	6462.	Notoxus bicolor Say.
	etyoptera perfaceta Say.	6486.	Anthicus confusus Lec.
	otinus lacustris Lec.	6603.	Mordella insulata Lec.
	otinus flavicollis Lec.	6651.	Mordellistena pubescens Fabr.
	otinus decipiens Harr.	6860.	Asclera excavata Lec.
	otinus punctulatus Lec.		Trachyphloeus, not named.
	otinus—not described.	8742.	Pterocolus ovatus Fab.
	ephorus limbatus Lec.	8800.	Phyxelis rigidus Say.
	tthonyx erythrocephalus Fabr.	8920.	Listronotus appendiculatus Boh.
	lops(near) histrio Er.	8988.	Erycus morio Mannh.
	thocomus sp.	9003.	Pachytychius amoenus Say.
	stoscelis erythropus Lec.	9008.	Smicronyx obtectus Lec.
	ocera castanea Newm.	9038.	Lissorrhoptrus simplex Say.
	rus quadrisignatus Say. Leaven-	9072.	Magdalis olyra Hbst.
	orth county-T. B. Ashton.	9096.	Anthonomus rufipennis Lec.
	erus analis Lec.		Anthonomus, not named.
-	dnocera pubescens Lec.	9147.	Tychius aratror Gyll.
	thopleura sp.	9158.	Gymnatron teter Fabr.
-	mexylon seriseum Harr.	9159.	Miarus hispidulus Lec.
-	letinus fucatus Lec.	9165.	Conotrachelus albicinctus Lec.
-	llene lutosus Lec.	9200.	Chalcodermus collaris Horn.
	cydalis mellitus Say. Taken by	9232.	Phyrdenus undatus Lec.
T.		9258.	Copturus quercus Say.
	ounty.	9274.	Coeliodes asper Lec.
-	ptura vittata Germ. T. B. Ash-	9281.	Ceutorhynchus rapæ Gyll.
	Leavenworth county.	9296.	Ceutorhynchus Zimmermanni Gyll.
	nohammus confusor Kirby. Tak-	9297.	Ceutorhynchus puberulus Lec.
	by Frank Prentiss, in the Bap-	9309.	Rhoptobaris canescens Lec.
	st church where repairs had been		Baris n. sp.
	ade with pine lumber.	9325.	Baris insterstialis Say.
	es pulcher Hald. Taken from	9340.	Pseudobaris nigrina Say.
	nerry trees by John McCurdy and	9360.	Centrinus penicellus Hbst.
	'illie Spencer.	9364.	Centrinus punctirostris Lec.
-	oturges facetus Say. Leavenworth	9371.	Centrinus perscitus Hbst.
	ounty, T. B. Ashton.	9373.	Centrinus griseus Lec.
	perplatys sp.	9394.	Barilepton filiforme Lec.
	uchus bisignatus Horn.	9406.	Balaninus caryæ Horn.
	uchus distinguendus Horn.	9451.	Sphenophorus compressirostris Say.
	uchus mixtus Horn.	9548.	Xyleborus cælatus Eich.
	nacia cuprea Kirby.	0601	Micracis unknown species.

5662. Cryptocephalus pallidicornia Suffr.— Cryptocephalus vacuus Lec. Ms.

8518. Pachybrachys turbidus Lec.

8552. Disonycha rufa Ill.

9601. Phlæotribus frontalis Fab.

9662. Piezocorynus moestus Lec.

9653. Allandrus bifasciatus Lec. Leaven-

worth county-T. B. Ashton.